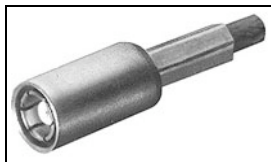Have a Question?
Chat with a Product
Information Specialist

What can we help you find?

Products   **Industries**   **Resources**   **About TE**   **My Account**   **Innovation**   **Support Center**

413985-6 Product Details

Share   Print   Email

413985-6

TE Internal Number: 413985-6

✔ Active

📄 View 3D PDF

SMB RF Connectors

🍃 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:
- Connector - RF
- Plug
- Standard
- Applies To Coaxial Cable
- Coupler Style = Quick Connect/Disconnect

View all Features

Add to My Part List   Request Sample   Find Similar Products   Buy Product

Quick Links
- Pricing & Availability
- Search for Tooling
- Product Feature Selector
- Contact Us About This Product

Documentation & Additional Information

Product Drawings:
- PLUG,STR CABLE,HEX CRIMP, OUTER FERRULE,CRIMP OR SOL... (PDF, English)

Catalog Pages/Data Sheets:
- SMB Connectors (PDF, English)

Product Specifications:
- None Available

Application Specifications:
- None Available

Instruction Sheets:
- SMB 50-Ohm and 75-Ohm Straight Cable Plug Connectors... (PDF, English)

CAD Files: (CAD Format & Compression Information)
- 2D Drawing (DXF, Version M)
- 3D Model (IGES, Version M)
- 3D Model (STEP, Version M)

Related Products:
- Tooling

List all Documents

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:
- Product Type = Connector - RF
- Gender = Plug
- Connector Series = Standard
- Grade = Mil-Type
- Dielectric Material = Fluoropolymer

Mechanical Attachment:
- Panel Mount Retention = Without

Electrical Characteristics:
- Connector Impedance (Ω) = 50

Termination Features:
- Coaxial Cable Termination Type = Crimp

Body Features:
- Coupler Style = Quick Connect/Disconnect
- Body Style = Straight
- Pin Protection = Without
- Body Plating = Nickel over Copper
- Body Material = Brass

Contact Features:
- Center Contact Plating = Gold over Nickel
- Outer Contact Plating = Gold over Nickel

Configuration Features:
- Coaxial Cable Type (RG/U or Mfg.) = 178, 196
- Preloaded = Yes
- Solder Lug = Without
- Environmental Protection = Without

Industry Standards:
- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

Conditions for Usage:
- Applies To = Coaxial Cable

Other:
- Brand = AMP
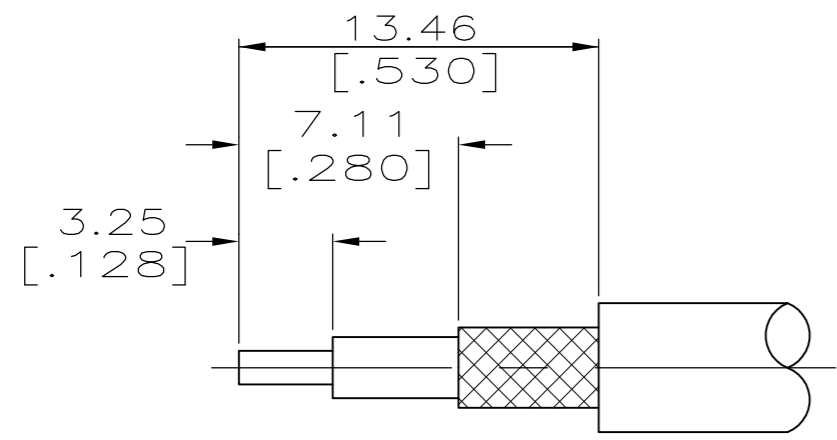

Corporate Information

About TE

Quick Links
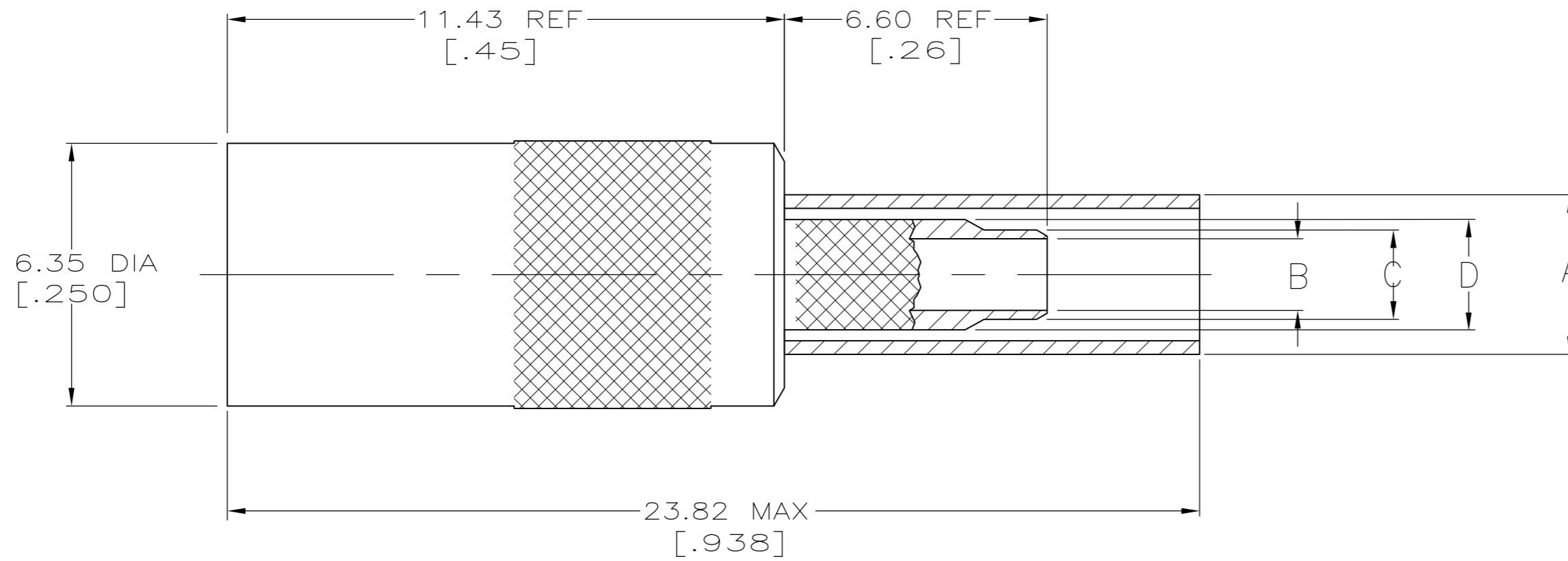
Distributor Inventory

Customer Support

Email or Chat With Us

LOC	DIST			REVISIONS			
AJ	16	P	LTR	DESCRIPTION	DATE	DWN	APVD
			M2	ECR-12-005726	27MAR12	RK	MY

RECOMMENDED STRIP LENGTHS
SCALE NTS

13.46 [.530]
7.11 [.280]
3.25 [.128]

11.43 REF [.45]   6.60 REF [.26]

6.35 DIA [.250]

B C D A

23.82 MAX [.938]

413985

1. MATERIALS:
BODY...BRASS PER QQ-B-626
INNER AND OUTER CONTACTS...
BERYLLIUM COPPER PER QQ-C-533
DIELECTRIC...PTFE PER LP-403

/2\ FINISH:
BODY,CENTER AND OUTER CONTACTS...
GOLD PER MIL-G-45204 OVER
NICKEL PER QQ-N-290

/3\ FINISH:
BODY...NICKEL PER QQ-N-290 OVER
COPPER PER MIL-C-14550
CENTER AND OUTER CONTACTS...
GOLD PER MIL-G-45204 OVER
NICKEL PER QQ-N-290

/4\ FINISH:
BODY AND OUTER CONTACT...NICKEL
PER QQ-N-290 OVER COPPER PER
MIL-C-14550
CENTER CONTACT...GOLD PER
MIL-G-45204 OVER NICKEL PER
QQ-N-290

5. INTERFACE PER MIL-C-39012

6. SEE I.S. SHEET 2987-12

POSITION LETTER	TE DIE SET	HEX SIZE	DANIELS DIE SET	SELECTOR NUMBER	DANIELS POSITIONER	D DIA	C DIA	B DIA	A DIA	NOTES	CABLE	PART NO
B	58483-1	.128	HX4-1637	4	K699	2.64 [.104]	2.16 [.085]	1.70 [.067]	3.86 [.152]	/4\	RG 179,161,187	1-413985-2
B	58483-1	.128	HX4-1637	4	K699	2.64 [.104]	2.16 [.085]	1.70 [.067]	3.86 [.152]	/3\	RG 179,161,187	1-413985-1
B	58483-1	.128	HX4-1637	4	K699	2.64 [.104]	2.16 [.085]	1.70 [.067]	3.86 [.152]	/2\	RG 179,161,187	1-413985-0 OBSOLETE
A	58483-1	.105	HX4-1637	4	K699	1.98 [.076]	1.37 [.055]	0.96 [.040]	3.86 [.152]	/4\	RG 178,196	413985-9
C	58483-1	.151	HX4-1637	4	K699	2.64 [.104]	2.16 [.085]	1.70 [.067]	4.54 [.179]	/4\	RG 174,188,316(ALL DBL SHIELDED)	413985-8
B	58483-1	.128	HX4-1637	4	K699	2.64 [.104]	2.16 [.085]	1.70 [.067]	3.86 [.152]	/4\	RG 174,188,316	413985-7
A	58483-1	.105	HX4-1637	4	K699	1.98 [.076]	1.37 [.055]	0.96 [.040]	3.86 [.152]	/3\	RG 178,196	413985-6
A	58483-1	.105	HX4-1637	4	K699	1.98 [.076]	1.37 [.055]	0.96 [.040]	3.86 [.152]	/2\	RG 178,196	413985-5 OBSOLETE
C	58483-1	.151	HX4-1637	4	K699	2.64 [.104]	2.16 [.085]	1.70 [.067]	4.54 [.179]	/3\	RG 174,188,316(ALL DBL SHIELDED)	413985-4
B	58483-1	.128	HX4-1637	4	K699	2.64 [.104]	2.16 [.085]	1.70 [.067]	3.86 [.152]	/3\	RG 174,188,316	413985-3
C	58483-1	.151	HX4-1637	4	K699	2.64 [.104]	2.16 [.085]	1.70 [.067]	4.54 [.179]	/2\	RG 174,188,316(ALL DBL SHIELDED)	413985-2
B	58483-1	.128	HX4-1637	4	K699	2.64 [.104]	2.16 [.085]	1.70 [.067]	3.86 [.152]	/2\	RG 174,188,316	413985-1

PRO-CRIMPER FOR BRAID CRIMP	M 22520/5-01 FOR BRAID CRIMP	M 22520/2-01 FOR CONTACT CRIMP

TOOLING INFORMATION

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± 0.3 [.01]
3 PLC ± 0.13 [.005]
4 PLC ± -
ANGLES ± -

MATERIAL -
FINISH -

DWN B. WERNER	16/MAY/94
CHK J. McLEOD	16/MAY/94
APVD J. McLEOD	16/MAY/94
PRODUCT SPEC —	
APPLICATION SPEC —	
WEIGHT —	

≡TE TE Connectivity

NAME
PLUG,STR CABLE,HEX CRIMP,
OUTER FERRULE,CRIMP OR
SOLDER CENTER CONTACT,SMB

SIZE A2	CAGE CODE 00779	DRAWING NO C-413985	RESTRICTED TO —

CUSTOMER DRAWING

SCALE 8:1 SHEET 1 of 1 REV M2